

1965. Arrived at Key West on  
the evening of 2 June.  
Host told that there had  
been a hard rain a couple  
of days before and the  
gutters were full of rain  
water. On the morning  
of June 3 explored the  
region to the eastward of the  
town where there are many  
"lagoons" and puddles.  
They contained much life,  
Hemiptera, beetles, dragon fly  
larvae etc. but absolutely  
no trace of mosquito larvae  
not even a single pupa.  
The pools near the ocean  
were mixed with "fiddler crabs".  
In the afternoon there  
was a very heavy rain  
which lasted till evening.  
(with *Antropus*)  
Got out a jar (*Eteomyia*)  
from my water pitcher.  
Towards night went to  
the banyans and got a  
number of the *Cassidix*.

before taken by Mr Schreyer.  
They were on the under  
side of the leaves and about  
20 were huddled together  
under one curled up leaf  
- it was showering at the  
time. No trace of larvae.  
4 June. Got a supply of  
Stegomyia (?) larvae from  
water-pitcher in the hotel.  
Examined tanks on roof,  
saw a single larva but  
could not get it. Examined  
many pools in the course  
of day, both in and out of  
town and wherever there  
was water but could  
find no larvae.

The Cassidids taken  
yesterday are golden  
metallic green above like  
Phys. helianthi, - the  
margin transparent.  
Beneath greenish-gold  
with finely reflections.

5 June. supply for Wolfenstein.  
5 June. 1 bottle wine  
6 " do.  
11 " do.  
17 " do.  
20 " 1/2 do.  
22 " " "  
25 " " "  
28 " " "

1907.

5 Dec. Lve. N.Y. on S.S. Merida

9 Dec. arr. Havana.

11 Dec. on shore at Progreso.

Trip to shore & back: \$3.00

13 Dec. arr. Vera Cruz.

16 Dec. V. C. to Córdoba.

20 Dec. <sup>Córdoba</sup> - 7 p.m. Warm  
dark night. ♂ *Culex* (cubensis.)

swarming over man's head  
sitting near light on veranda,  
upper floor. Other ♂s flitting  
about and alighting on table.

In the river-pools there appears  
to be only one sp. now - *C. coronator*  
larvae of all sizes + a few pupae.

23 Dec. Córdoba. Males of *Culex*  
(cubensis?) go to sugar on  
table at night - as many as  
5 in the sugar bowl at one  
time. On the 19th I saw  
a ♂ *Steg.* in the sugar-bowl,  
in the daytime.

25 Dec. Orizaba and return.

31 Dec. (Córdoba) Rained inter-  
mittently all day.

[fare to Orizaba .89

1908.

1 Jan. (Córdoba) Cloudy and  
~~cool~~ cool - cleared towards eve-  
ning and warmer.

2 Jan. To Millan, 59 kilo-  
meters on V. C. al Pacifico line,  
and return. Weather cloudy,  
hot & sultry with showers.  
Country open (cleared) with  
strips of forest. - A desirable  
collecting place, much nearer  
Córdoba, appears to be Xuchiles.  
Fare to Millan: 2.41

3 Jan. To Orizaba and ret.  
to cash check. Climbed  
mountain on west side of  
town. Saw *Pyrausta* at-  
lanta and *Eristalis tenax*  
near public garden.  
Sunny in the morning,  
cloudy in afternoon.

4 Jan. Sunny and clear  
all day. Late in the afternoon  
went collecting. Found seclud-  
ed place on river - path thru  
coffee plantation. Banks steep,  
very wild. Found *Culex* larvae  
in depression in boulder. Took  
bath in river - water cold.

5 Jan. Moved from Hotel Inglaterra to Hotel Francisco in the afternoon. Made short excursion towards evening - When I returned Fritz Wolfenstein, from Vera Cruz, was waiting for me. Spent the evening together.

6 Jan. Wolfenstein left this morning for Vera Cruz, via Tierra Blanca. It was rather hot yesterday and today. But late this p.m. it clouded over suddenly and became cool - a "norte".

7 Jan. It rained through the night. Cool and heavy clouds all day with occasional drizzle.

9 Jan. Cloudy - a couple of hours sunshine in forenoon

10 Jan. Clear + bright. - 11 p.m. norte with drizzle -

11 Jan. Cloudy with occasional drizzle.

12 Jan. Clear + bright - not a cloud all day - went to Orizaba to see bull-fight

and "Corcharito" a famous torero. Returned to Orizaba 13 Jan in the morning (7.30 train). Cloudy, a cool wind blowing. Norte all day.

14 Jan. Norte all day. Went to Orizaba again to cash draft 24331, rec'd yesterday from Dr. Howard. Met Mr. Willis of Hacienda Nyalé near Tierra Blanca.

15 Jan. Sunny with some clouds. In the evening went down to river, back of market. After sunset saw loose swarm and copulation of a sp. of Tipulids. They were over the river at a great height - some 40 ft. or more higher than the top of the cañon. The swarm was very loosely organized and they circled about slowly. One pair in copula was captured as they floated down obliquely. At dark the swarm disappeared.

16 Jan. Sunny - part cloudy. At eve norte and rain at night.

17 Jan. "Norte" all day, very disagreeable; rained hard at night.

18 Jan. Cloudy with short intervals of sunshine. In the afternoon pretty steady rain. Went to river a.m. - found larvae of *Lutzia* in puddle on big boulder in company with many pupae of *Aedes*. On big boulder, with overhanging sides, in middle of stream in well-shaded place great numbers of a very small fly (*Ceratopogon*?) with produced proboscis.

19 Jan. Cool and rainy.

20 Jan. Sunshine. Went to same locality on river as on 16 + 18 th. Found immense quantities of a very small black fly in immense numbers on side of a boulder in middle of stream. - on side was black with them - boulder fully 6 ft. high.

21 Jan. Fine weather.

22 Jan. Fine. cooler and cloudy in afternoon & evening.

23 Jan. Cloudy & rainy

24 Jan. Some sunshine in a.m. Sent 1 box (bups etc.) to Dr. H.

25 Cloudy & damp. Sent 2<sup>nd</sup> box.

26 Fine weather

27. Fine weather - threatening in the evening.

28 Fine weather.

1 Feb. We have had fine weather since 25 Jan., today threatening and tonight rain.

2, 3, Feb. Cloudy and rainy.

4 Feb. A little sun in morning, then cloudy.

5 Feb. Fine bright day. At night, first fog, then rain.

6 + 7 Feb. Cloudy and rainy.

8 Feb. Fine - warm & bright.

9 " Cloudy all day, Ride to Ahuatlan.

10 " Rained during night and in morning - later fine & warm.

11 th. Fine.

12 " " To Orizaba & cashed 2 checks (50 each), returned morning of 13 th.

13 th + 14 th Fine

15 th. Rain & cold -

16 " Cloudy & rain.

17 " Home back to Ahuatlan & Refugio. clearing p.m.

18 Feb. Fine weather.

19 " Cloudy + rainy.

20 " Rain all day, cold.

21 " Fine.

7 March. Cloudy, approaching  
Norte. Went above San José  
and found mosq. larvae in tree hole.

8 March. Part cloudy.

9 " Cloudy rain at night.

10 " " - cold.

11 " " , rain during night.

12 " " —

13 " Fair. To Orizaba.

14. " Fair, part cloudy.

15. " Fine.

16 " " Found  
group of 27 pierid pupae on  
tree trunk near its base. The  
tree, a small one, almost com-  
pletely defoliated by the larvae.  
Tree was on bank overlooking  
river. Adults, black with red  
band on fore-wings (♂) iss.

17 + 18 March. — 16th p.m.  
took Sabithes in plantation  
path towards river.

17th. Went with Mr. Gray  
and got down the lower ones  
of the bromeliads — the  
only source from which  
the Sabithes could have  
come. Some plants, high  
up in the tree, remained.  
24 March. Dr. Fenzes + wife  
arrived on afternoon train  
from Mex. City.

26. Earthquake shocks at  
about 4.30 p.m. and again  
at 9.15. Both quite severe,  
particularly the second.

31 March. To Orizaba + return.

Found larvae of 3 sp. of Coccinelli-  
da on walls of public park (Oriz.)

1 April. Cord. Found numerous Psychod,  
Chiron., + Trichopt. on boulders in stream  
coming through well-shaded ravine  
with high steep sides. descent of  
stream rapid.

3 April. Rain at night.

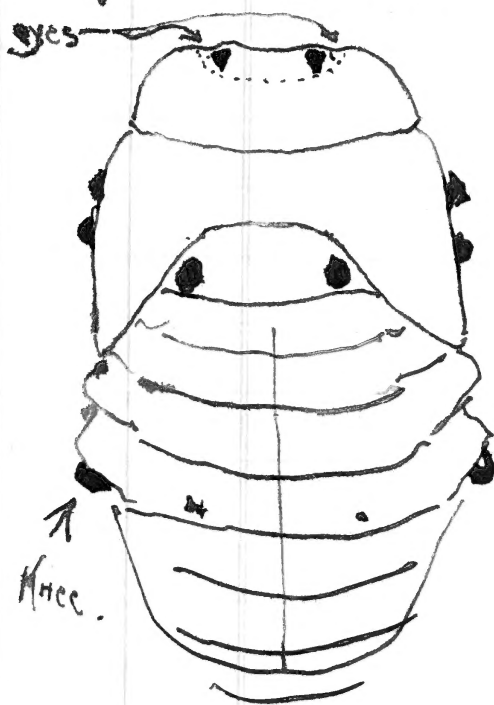
4 " Cloudy + rainy afternoon.

5 " Shower in evening.  
In forenoon went above San José  
with Dr. Fenzes. He beat several  
larvae of Coccinellids from

sumach. Commonest sp. is black with bright lemon yell. markings on body, head pale ferrug. yellow. A second sp. has the body cream white with black marks, the head pale ferrug. yellow.

12 Apr. Have had afternoon showers for the last 3 days.

13 Apr. 2 ♀ sp. of *Cocc. laura*, mentioned above, has pupated. Pupae cream white, eyes ferruginous; knees black, prothorax with 4 black spots; meta thorax with 2 " " ; 4th abd. segt. with 2 small dark dots.



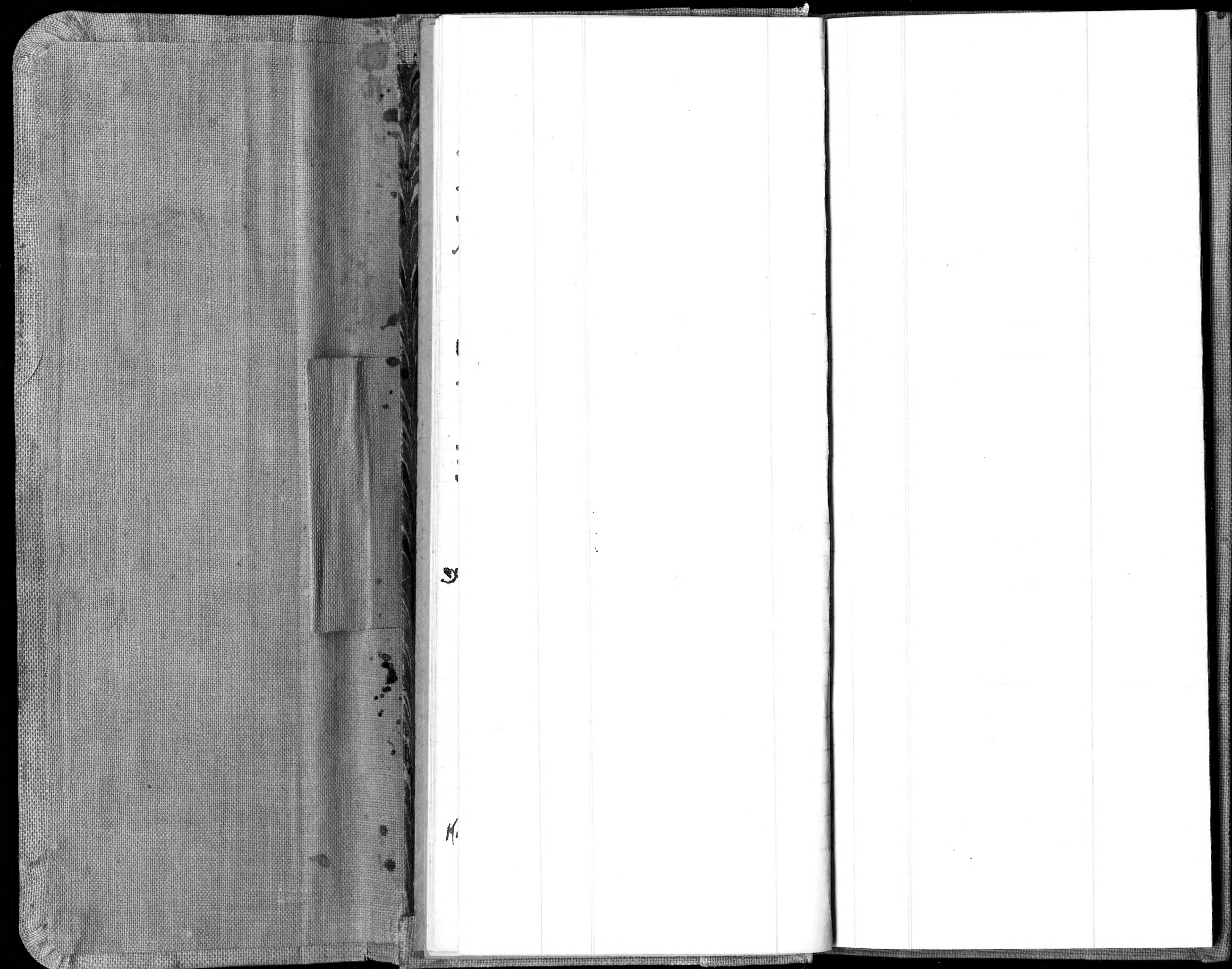
20 Apr. Heavy tropical shower in afternoon.

21 Apr. Dr. Tenyes took first blue *Leptinotarsa* 10 May. In the afternoon heavy shower. Since 21 Apr. we have had two periods of "morte" with chilly damp weather & slight drizzles.

About Apr. 25 Dr. F. took four spec. of the blue *Lept.* on *Physalis*.

10 May. The common large *Halticid* with dull bluish elytra & ivory yellow thorax & legs now has the light parts scarlet while the elytra show a brilliant blue lustre.

16 May. It has rained every afternoon and night since last Sunday. Ins. are becoming abundant. *Macroderes* in aspen common today.



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